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# Data sheet Rat IFN-γ ELISPOT antibody pair; 20-plate format

Cat. No.: CT600-20

## Coating antibodies (1 vial)

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| Product: | Monoclonal antibody to rat interferon gamma (IFN-γ) |
| Isotype: | Mouse $IgG_1$ |
| Production: | *In vitro* using serum free medium |
| Purification: | Ion exchange chromatography and protein G affinity chromatography. |
| Contents: | Each vial contains sufficient material for coating of twenty 96-well ELISPOT plates |
| Buffer: | Prior to lyophilization: 1.0 ml PBS + 125 mM trehalose |
| Application: | Coating antibody in an ELISPOT system |
| Reconstitution: | Dissolve the contents of the vial by injection of 1.0 ml distilled water into the vial and dilute 100 times in PBS. The total amount of one vial is sufficient for twenty 96-well ELISPOT plates (1920 determinations; 50 µl/well). |

## Detection antibodies (1 vial)

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|---|---|
| Product: | Biotinylated polyclonal antibody to rat interferon gamma (IFN-γ) |
| Isotype: | Rabbit Ig |
| Purification: | Ammonium sulphate precipitation, protein A- and ligand-affinity chromatography |
| Labeling: | With Biotin-7-NHS (N-hydroxysuccinimide) |
| Contents: | Each vial contains sufficient material for twenty 96-well ELISPOT plates |
| Buffer: | Prior to lyophilization: 2.0 ml PBS + 1% BSA + 125 mM trehalose |
| Application: | Detection antibody in an ELISPOT system |
| Reconstitution: | Dissolve the contents of the vial by injection of 2.0 ml distilled water into the vial and dilute 100 times in Dilution buffer (see Technical Data Sheet). The total amount of one vial is sufficient for twenty 96-well ELISPOT plates (1920 determinations; 100 µl/well). |

## General

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| Specificity: | Validated for detecting rat IFN-γ |
| Sterility: | Membrane filtered (0.2 µm) |
| Stability: | The lyophilized products are stable for at least one year at 4˚C (expiry date is indicated on the vials).<br>After reconstitution, the antibodies are stable for several months at 4˚C (if kept sterile) or for minimal one year at –20˚C. |
| References: | Mustafa, M.I.*et al.* 1991. J. Neuroimmunol. 31:165-177<br>Ruuls, S.R. *et al.* 1996. J. Immunol. 157: 5721-5731<br>Zhang, G.X. *et al.* 1999. J. Immunol. 162: 3775-3781<br>Zhu, J. *et al.* 2001. J. Neuroimmunol. 114: 99-106 |